

# NOAA's Suomi NPP and NOAA-20 Land Product Update



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*with material from the JPSS Science Teams and the NOAA JPSS Program Office*





# S-NPP Operational Enterprise Data Products

ATMS		CrIS	OMPS	VIIRS			AMSR-2
Cloud Liquid Water	Rainfall Rate	Carbon Dioxide	Limb SDR	Active Fires	Cloud Optical Depth	Land Surface Temperature	Calibrated Sensor Data
Ice Concentration	Snow Cover	Carbon Monoxide	Nadir Profile	Aerosol Detection	Cloud Particle Size Distribution	Ocean Color*	Cloud Liquid Water
Imagery	Snowfall Rate	Methane	Total Column	Aerosol Optical Depth	Cloud Phase	Polar Winds	Imagery
Land Surface Emissivity	Snow Water Equivalent	Infrared Ozone Profile	Limb Profile	Aerosol Particle Size	Cloud Top Pressure	Sea Surface Temperature	Rainfall (type/Rate)
Land Surface Temperature	Temperature Profile	Outgoing Longwave Radiation		Albedo (surface)	Cloud Top Temperature	Snow Cover	Sea Ice Characterization
Moisture Profile	Total Precipitable Water			Annual Surface Type	Green Vegetation Fraction	Surface Reflectance	Sea Surface Temperature
Atmospheric Vertical Temperature Profiles				Cloud Height (Top & Base)	Ice Age/Thickness	Vegetation Health Index Suite	Sea Surface Wind Speed
Atmospheric Vertical Moisture Profiles				Cloud cover/layers	Ice Concentration	Vegetation Indices	Snow Cover
				Cloud Mask	Ice Surface Temperature	Volcanic Ash Detection & Height	Snow Water Equivalent
							Soil Moisture
							Total Precipitable Water

Color Key

**Green Shading = Enterprise version of these products have transitioned to ESPC from IDPS and declared operational**

**Orange Shading = Non-Enterprise versions of these products are operational; The Enterprise versions of these products are planned to be transitioned to ESPC from IDPS by the end of 2018**



# NOAA-20 Operational Enterprise Data Products

ATMS		CrIS	OMPS	VIIRS		
Cloud Liquid Water	Rainfall Rate	Carbon Dioxide	Limb SDR	Active Fires	Cloud Optical Depth	Land Surface Temperature
Ice Concentration	Snow Cover	Carbon Monoxide	Nadir Profile	Aerosol Detection	Cloud Particle Size Distribution	Ocean Color
Imagery	Snowfall Rate	Methane	Total Column	Aerosol Optical Depth	Cloud Phase	Polar Winds
Land Surface Emissivity	Snow Water Equivalent	Infrared Ozone Profile	Limb Profile	Aerosol Particle Size	Cloud Top Pressure	Sea Surface Temperature
Land Surface Temperature	Temperature Profile	Outgoing Longwave Radiation		Albedo (surface)	Cloud Top Temperature	Snow Cover
Moisture Profile	Total Precipitable Water			Annual Surface Type	Green Vegetation Fraction	Surface Reflectance
Atmospheric Vertical Temperature Profiles				Cloud Height (Top & Base)	Ice Age/Thickness	Vegetation Health Index Suite
Atmospheric Vertical Moisture Profiles				Cloud cover/layers	Ice Concentration	Vegetation Indices
				Cloud Mask	Ice Surface Temperature	Volcanic Ash Detection & Height

Color Key

Green Shading = Enterprise version of these products have been declared operational